12-23-04

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Dennis L. Franz
Serial No:	10/666,800
Filed:	September 18, 2003
For:	COULOMB FORCE NEUTRALIZED FUSION REACTOR
Docket:	FR19.P01

Special Programs Examiner
Technology Group 3600
Commissioner of Patents and Trademarks
Washington D.C. 20231

EXPRESS MAIL CERTIFICATE

Express Mail Label No: **EU087348587US**

Date of Deposit: **December 20, 2004**

I hereby certificate that the following attached papers and fees:

1. Renewed Petition to Make Special
2. Statement of Material Contribution under 37 CFR § 1.102
3. Return Receipt Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Special Programs Examiner for Technology Group 3600, Commissioner of Patents and Trademarks, Washington D.C. 20231.

Chris E. Svendsen

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RENEWED PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 CFR § 1.102(c)

The Applicant hereby re-petitions to make the above listed application special under MPEP § 708.02, Section VI (A). The above listed application has received initial examination by a P.T.O. Examiner, and has recently been the subject of a restriction/election requirement by the Examiner. The initial petition was denied due for want of additional details relating to the function of the invention. The Applicant again makes this petition on the basis that the above listed application materially contributes to the development of energy resources, and as such, no fee is required for this petition. Per 37 CFR § 1.102, a verified re-statement by the Applicant's representative, attesting to the nature of this contribution is attached, which includes the additional details required by the Special Programs Examiner.

Respectfully submitted,

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STATEMENT OF MATERIAL CONTRIBUTION UNDER 37 CFR § 1.102

This is a sworn statement, required under 37 CFR § 1.102 (c), made in reference to the Applicant's attached petition to make the above listed application special. The above listed application for U.S. Letters Patent materially contributes to the development of energy resources. This material contribution is evidenced by a stated goal of the invention, which is the controlled generation of electricity from a stream of ions by a nuclear fusion process.

Specifically, the fusion reactor of the above listed invention has a multiple of fuel rings that spin in a spiral form. The fusion reactor produces a sustainable, controlled fusion reaction producing more energy than it uses. The reactor employs a system of resonant magnetic fields that control the direction of the fuel particles' momentum and polarity, and neutralizes the interactive forces of the fuel particles linear Coulomb repulsions. The rotating ring has a geometric rate of radius reduction for ring stability and efficient fusion reaction. Preferably, a stream of lithium nuclei are utilized as fuel. In merging lithium nuclei within the controlled spiral of a resonant magnetic field, positive alpha charges are produced. These high-energy alpha charges are then directed into a generator for the purpose of pumping electrons to produce electricity. The moving nuclei, which are electric particle charges, experience these three crossing magnetic fields (B) as additive. These three fields' strength values form a dimensional number or "ratio." This ratio is variable to reflect control on the energy of the fuel ring. This ratio, given the manufactured steady state of the coils and conductors of the reactor, then is manipulated when a change is executed. The wattage of the conductors is

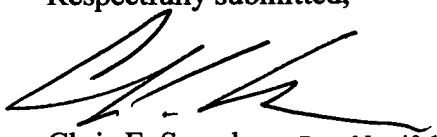
changed to meet the profile of that ratio to meet the need. A "buffer" is an option preferably incorporated into the feed fuel stream, with respect to flow, to prevent oscillation or flutter in the Coulomb force neutralized reactor system. This feedback and wattage adjustment is an important control of the constant changes that are inherent due to temperature, barometric pressure changes, vibration, and other outside environmental impositions on the entire structure of the Coulomb force neutralized reactor system. These effects change angular velocity, toroidal volume, rate of fuel processing, control of nuclear resident time, energy output, and efficiency. Control of these ratios is not only a necessity of design, but also an opportunity for refinement of the charge pathways.

A great advantage of this invention is that the invention aids in the development of energy resources, by disclosing a controlled and scalable fusion reaction. An additional advantage of the process of the above referenced invention is that it employs a fusion reaction, potentially free from the hazardous by-products and the large energy input demands that hinder fusion type reactors.

Since submittal of the initial petition, the above listed application has received initial examination by a P.T.O. Examiner, and has recently been the subject of a restriction/election requirement by the Examiner, to which the Applicant has responded.

This statement is sworn to as being properly made and duly signed and verified below by the Applicant's representative, a practitioner registered to practice before the United States Patent Office.

Respectfully submitted,



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